



## **DX bulletin 221**

**26/10/2017**

**By ON9CFG**

**[ON9CFG@telenet.be](mailto:ON9CFG@telenet.be)**

## **DX news**

### **This weekend is the CQ WW DX SSB Contest!!**

On the following websites you can find more information about the contest.

<http://www.cqww.com/index.htm>

<http://www.ng3k.com/Misc/cqs2017.html>

### **Mellish Reef VK9MA –update**

Rob N7QT and Brian N9ADG arrived in Cairns, VK4 today towing about 200lbs of gear with them. Note: Regular VK9MA updates will appear [here](#), perhaps daily.

### **3B7 St Brandon DXpedition -update**

Our last communication goes back to several months but we didn't stay inactive! All tasks are going as scheduled.

The logistical operations are going on and will soon be finalized. Transport to St Brandon has been secured by a 50% deposit. It will be a 24h journey by boat between 3B8 and 3B7. More on <https://dx-world.net/st-brandon-dxpedition-3b7/>  
<http://www.saintbrandondx.com/>

### **Temotu Province H40GC –update**

Stan, LZ1GC/H40GC is still on Temotu and will not be home anytime soon. His flight from Lata, Temotu to Honiara on Saturday was cancelled due to the eruption of Tinacula volcano. Volcanic ash is dangerous for flights. Since last Saturday there's been no flights so Stan has again erected antennas for 160/80/40 and is again QRV. More on <https://dx-world.net/h40gc-temotu-province/>

### **RI0ZF The story to Beringa Isl**

RI0ZF AS-039 operation has been approved for the IOTA awards. The LOG has been uploaded to Club Log. OQRS is available. The trip to Beringa Island was quite expensive for Konstantin R7KF. If you want to send some donation please do it by Pay-Pal to k2pf[at]arrl.net.

To Kamchatka, our group flew on September 13, 2017 at 12.30 on the Kamchatka time. This day was given to acclimatization (9 hours of time difference with Moscow.) Nevertheless, I put the antenna in the courtyard of the dacha on which we were placed, and tried to make at least one QSO with the call sign R7KF/0.

The full story on <https://dx-world.net/the-ri0zf-story-iota-dxpedition-to-beringa-island-as-039/>

## **On the scene**

**S21ZAS team members on AS-127 St Martin's Island**



# **DXCC**

## **This week on HF**

**3W, VIETNAM** Tom, KC0W will be operating as 3W9CW throughout November. Operation from 80 to 10 meter using CW and FT8. QSL via KC0W, direct only.

**3X, REP OF GUINEA** Luc F5RAV and Gérard F5NVF will be operating as 3XY4D between October 27 and November 6. Activity from 80 to 10 meter using CW, SSB and digital modes. QSL via F5RAV, direct only.

**4S, SRI LANKA** Martti, OH2BH and friends are active as 4S7BHG until November 1. Focus on low bands and contest. QSL via OH2BH.

**4S, SRI LANKA** Peter, DC0KK will once again be operating as 4S7KKG from November 1 until March 25, 2018. Operation on HF using digital modes. QSL via home call.

**4S, SRI LANKA** Ilya, R3XA is QRV until October 30 as 4S7KLG. An entry in the CQWW SSB contest is included. QSL via LoTW, logsearch on Club Log.

**4S, SRI LANKA** Alex UT5UY and Roman UR0MC are QRV as 4S7AYG until October 31. Operation from 160 to 10 meter using CW, SSB and digital modes. QSL via M0URX, OQRS. <https://www.qrz.com/db/4S7AYG>

**4S, SRI LANKA** Martti OH2BH, Ville OH2MM and others are active as 4S7BHG until November 1. An entry in the CQWW SSB contest is included. QSL via OH2BH.

**4W, TIMOR LESTE** Thomas, OZ1AA will be operating as 4W/call from November 1 until November 7. Operation from 40 to 10 meter using CW with some FT8. QSL via OZ1ACB and Club Log OQRS.

**5X, UGANDA** Anton, ON6NL will again be active from Entebbe, Uganda as 5X8C at the end of October 2017. Operation on HF with an entry in the CQWW DX SSB Contest (October 28-29). Will try FT8 mode too. QSL via home call.

**6Y, JAMAICA** Look for AA4V, N4SF, K8AJA and W4HE as 6Y4V, 6Y4F, 6Y4J and 6Y4E until October 31. An entry in the CQ WW DX SSB contest is included as 6Y4V. QSL see ops instructions.

**7P, LESOTHO** Pista, HA5AO has returned to Lesotho as a volunteer to a local community group. During his spare time he is active as 7P8AO until October 28. Operation from 40 to 10 meter using CW, RTTY and FT8. QSL via OQRS on HA5AO.com.

**A2, BOTSWANA** Andre, NJ0F is operating as A25A until November 5. An entry in the CQWW DX SSB contest is included. QSL via NJ0F direct only.

**A5, BHUTAN** Zorro JH1AJT will once again be active as A5A with Jin JF1IST, Franz DJ9ZB and Champ E21EIC from October 27 until November 3. An entry in the CQWW SSB contest is included. Operation before and after the contest from 160 to 6 meter using CW, SSB and RTTY. QSL via JH1AJT direct, OQRS Club Log.

**C2, NAURU** Kuni JA8VE, Mat JA1CQY and Kaoru JA3MCA will be operating as C21VE, C21JY and C21MA from November 8 until November 14. Operation from 80 to 10 meter using CW, SSB and RTTY. QSL via homecalls.

**C6, BAHAMAS** Rich, N0HJZ is once again operating as C6ARW until November 1. An entry in the CQWW DX SSB Contest is included. Outside the contest he will be active on WARC bands using SSB and CW.

**C9, MOZAMBIQUE** Look for Johannes PA5X for the coming months as C93PA. Operation on HF using SSB and digital modes. QSL via PA5X bureau, Club Log OQRS and LoTW.

**CU, AZORES** Babs DL7AFS and Lothar DJ7ZG are active as CT8/calls from Sao Miguel Isl until November 10. Operation from 80 to 10 meter using mainly SSB and digital modes. QSL via DL7AFS, direct or bureau, LoTW.

**E4, PALESTINE** Janusz, SP9FIH is active as E44WE until October 29. Operation on 30, 15, 12 and 10 meter using SSB, PSK63 and RTTY. QSL via Club Log OQRS or SP9FIH. <http://www.e4.dxpedititions.org>

**EI, IRELAND** Olivier, ON4EI is once again active as EI8GQB until November 1. During the CQWW DX SSB contest he will operate as EI1A. Follow his one-man expedition on [www.qrz.com/db/EI8GQB](http://www.qrz.com/db/EI8GQB). QSL via PA3249, direct or bureau, LoTW.

**EL, LIBERIA** Jeremy EI5GM, Dave EI9FBB and Col MM0NDX have been issued with the Liberian callsigns EL2GM, EL2BB and EL2EL. It's their plan to use these calls after



the 5L3BI activity from the LRAA (Liberia Radio Amateur Association) in Monrovia, probably on November 3rd. However, if due to bad weather / sea conditions we cannot land on the island, then we will revert to using these calls during late October / early November from mainland Liberia.

**FG, GUADELOUPE** Philippe F1DUZ is active as FG4KH until November 6. Activity on HF using SSB and digital modes. An entry in the CQWW DX SSB contest is included. QSL via F1DUZ, direct or bureau.

**FJ, ST BARTHELEMY** A team will AI5P, N0KV, W0ZA and WD0E is active as FJ/AI5P and FJ/N0KV until October 26. Operation from 80 to 10 meter using CW, SSB and RTTY. QSL via AI5P and N0KV.

**H4, SOLOMON ISL** Bernhard, DL2GAC is operating as H44MS from Malaita Island until end November. Operation from 160 to 6 meter using SSB. QSL via home call.

**J6, ST LUCIA** Gary K9AW/J68GD is assembling a 5 band Hex beam in preparation for the coming CQWW contests during October/November. Both SSB and CW this year. QSL via home call, direct only or LoTW.

**JD1, MINAMI TORISHIMA** Take, JG8NQJ is once again operating until around December 15. Activity as call/JD1 on HF using CW and RTTY. QSL via JA8CJY direct or via JG8NQJ bureau.

**JT, MONGOLIA** A large team will be operating as JT5DX during the CQWW DX SSB contest (October 28-29). QSL via JT1CO.

**KH0, MARIANA ISL** A team is active as AH0K from Tinian until October 31. An entry in the CQWW DX SSB contest is included. QSL via OH6GDX, LoTW, logsearch on Club Log.

**KH2, GUAM** Operators JI3ERV, JG3RPL, JR7OMD, JE6HIB and JH1ASG will be active as AH2R during the CQWW SSB contest. QSL via LoTW.

**KH2, GUAM** Miki, JJ2CJB will be QRV as AC2AI/KH2 between October 27 and October 30. An entry in the CQ WW SSB contest is included. QSL via home call, LoTW.

**P2, PAPUA NEW GUINEA** Roly, ZL1BQD is operating as P29RR until November 6. Activity on HF with focus on FT8. QSL via home call.

**P4, ARUBA** Yuri, VE3DZ is QRV until October 31. An entry in the CQWW DX SSB contest is included (October 28-29). QSL via home call.

**P4, ARUBA** John, W2GD is once again operating as P40W until October 31. An entry in the CQWW SSB contest is included. Some CW, WARC and 160 meter before and after the contest. QSL via N2MM direct only, LoTW.

**PJ4, BONAIRE** Operators NA2AA, K2NG, IT9HBT, IW9FRA, IT9SPB and IT9RGY will be QRV as PJ4G during the CQWW DX contest SSB (October 28-29). Look for them as PJ4/calls before and after the contest. QSL for PJ4G via WA2NHA and LoTW. QSL for operators via direct and LoTW.

**PJ4, BONAIRE** Look for PJ4Q (operators are W4PA, PJ4DX, PJ4NX, PJ4KY and G3XTT) during the CQ WW SSB contest on October 28-29. After the contest they will focus on the WARC bands until November 1. QSL via W4PA.

**PY0F, FERNANDO de NORONHA** A team is operating as PY0FW until October 27. Operation from 80 to 10 meter using SSB and digital modes. QSL via PP1CZ direct and Club Log OQRS.

**PZ, SURINAME** Rico, PA3BVK will be active as PZ5JW early November for the next 2 months. Activity mainly on 30 meter using CW. QSL via home call.

**S7, SEYCHELLES** Kasimir, DL2SBY is once again active as S79KB from Mahe. Activity until November 1 on HF using CW, SSB and RTTY. QSL via home call, direct only or Club Log.

**SU, EGYPT** Christian, DM4DX is currently living in Cairo and is QRV during his spare time as SU/call until November. QSL via LoTW.

**T2, TUVALU** Tony, 3D2AG is active as T2AR during his spare time until October 28. Operation from 160 to 6 meter using CW, SSB and digital. QSL via home call.

**V3, BELIZE** Doug, WB5TKI is operating from Captain Morgan's Retreat as V31WB. Operation until October 28. QRV from 20 to 10 meter using CW, SSB and FT8. QSL via home call.

**V3, BELIZE** Victor, WB0TEV will once again be active as V31VP from October 27 until October 31. Activity from the May Hill Lodge shack in Blackman Eddy from 80 to 10 meter using mostly SSB and RTTY. QSL via WB0TEV, direct or bureau, Club Log OQRS.

**V4, ST KITTS** Gary, G01FWX will be active as V47FWX from November 8 until November 15. Operation in 'holiday-style'. QSL via M0URX.

**V4, ST KITTS** John, W5JON is once again operating as V47JA from Calypso Bay. Activity until November 7. John will operate from 160 to 6 meter using SSB. QSL via home call, direct only and LoTW.

**V5, NAMIBIA** Tefik, TA1HZ will once again be active as V51/call during the CQ WW DX SSB contest (Oct 28-29). Operation before and after the contest. QSL via LZ3HI.

**VK9C, COCOS KEELING ISLAND** Keith GM4YXI and Chris GM3WOJ are once again QRV until November 6. Operation as VK9CZ from 160 to 10 meter using CW, SSB and RTTY. QSL via N3SL and LoTW, logsearch on Club Log. <http://www.vk9cz2017.com/>

**VP2M, MONTERRAT** George K2DM / VP2MDG and Dennis N0SMX / VP2MMX are active until October 30. An entry in the CQWW DX SSB contest is included as VP2MDG. Outside the contest they will be active from 160 to 10 meter using CW, SSB and FT8. QSL via homecalls direct, LoTW.

**VR, HONG KONG** Tom, KC0W will be operating as VR2/call from Cheung Chau Island (AS-006) between November 1 and November 15. QRV on HF using CW and FT8. QSL via home call, direct only.

**XT, BURKINA FASO** Harald, DF2WO is once again active as XT2AX until October 30. Operation on HF and 60 meter using CW, SSB, JT65 and FT8. QSL via M0OXO OQRS and LoTW.

**ZC4, CYPRUS SBA** Adrian, G0KOM will be active as ZC4MK between October 27 and October 31. Activity in 'holiday-style'. Adrian might be longer on the island than published so might be longer QRV, license is valid for one year.

**ZF, CAYMAN ISL** Rick, NE8Z is QRV in 'holiday-style' as ZF2ZE from Grand Cayman until October 29. Activity from 40 to 10 meter using CW, SSB and maybe FT8. QSL via home call.

**ZF, CAYMAN IS** Stan, K5GO will be QRV as F9CW during the CQWW DX SSB contest. QSL via home call, direct only and LoTW.

## Coming up soon

**3B8, MAURITIUS** Jean-Paul, HB9ARY will once again be operating as 3B8HC from November 4 until November 18. Operation from 80 to 10 meter using SSB and slow CW. QSL via NI5DX, direct only, LoTW.

**5H, TANZANIA** Chas, NK8O will once again be QRV as 5H3DX from Zinga between November 7 until December 4. Operation during his spare time from 40 to 10 meter using CW and some PSK. QSL via home call, direct only and LoTW.

**8P, BARBADOS** Mac, WT4BT will be operating as 8P9MT from November 4 until November 10. Operation on HF. QSL via LoTW.

**9U, BURUNDI** The MDXC team led by Antonio IZ8CCW and co-leader Gabriele I2VGV will conduct their next DXpedition as 9U4M, this between November 6 and November 17. QRV with 5 stations using all band and all modes. QSL via IK2VUC, direct or bureau, LoTW, logsearch and OQRS on this website: <http://www.mdxc.org/9u4m/>

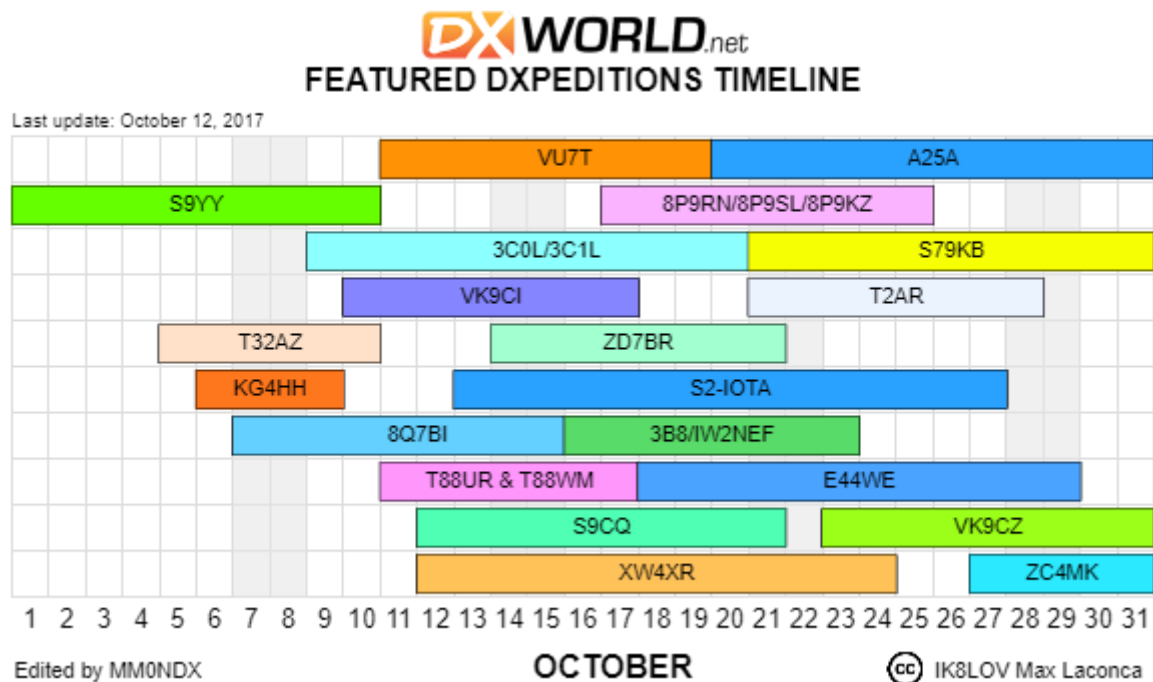
**V4, ST KITTS** Gary, G0FWX will be active as V4/call from November 8 until November 15. QSL via M0URX OQRS.

**VK9M, MELLISH REEF** The VK9MA team will be QRV with nine operators (DL3DXX, LB8DC, N7QT, N9ADG, SM1ALH, SM5AQD, SM5GLC, W5XU and WJ2O). They will be active from November 3 until November 16 with four stations around the clock. "One of our goals is to dedicate a lot of station time to the digital modes, particularly RTTY", they say. "If conditions are such that the bands are not open for RTTY, we most likely will operate JT65/JT9 and might try FT8. The lower bands (160-30m) are expected to "provide the best opportunity to work the world during the evening hours", while 17 and 20 meter will be "the most likely bands to work the world during the day". The pilot

stations will be K4PI (all of the Americas), V51B (Africa) and ON9CFG (Europe). QSL via Club Log OQRS, LoTW and eQSL. Traditional requests via N7QT. <https://vk9ma.com/>

**VP2M, MONTERRAT** A team with DJ6TF, DK1BT, DL4WK, DL7DF, DL7UFR, DL7VEE and SP3DOI will be QRV as VP2MDL between November 6 and November 20. Operation with 2 stations from 160 to 10 meter using CW, SSB and RTTY. <http://www.dl7df.com/vp2m/>

## DXCC Timeline



## IOTA

The IOTA'S marked with a yellow box are claimed by less than 25% of IOTA participants. These IOTAs are rather rare. Follow the link to find out more.

## **This week on HF**

### **AFRICA**

**AF-051 Los Isl** <https://www.rsgbiota.org/info/search.php?q=AF051>

**AF-096 Tristao Isl** <https://www.rsgbiota.org/info/search.php?q=af096>

Alain, F5OZC are once again active as 3XY3D/P from Kassa, Los Island until end November. On November 28 and 29 they will be operating from Tristao as 3XY3D/P. Operation from 40 to 10 meter using mainly CW. QSL via home call.

**AF-111 Baiyah Isl** In collaboration with the Liberian Radio Amateur Association, a team consisting of Richmond EL2BG, Dickson EL2DT, Jeremy EI5GM, Dave EI9FBB and Col MM0NDX are delighted to announce a much anticipated IOTA DXpedition to Baiyah Island AF-111 This IOTA has never before been activated. Tentatively, dates of activity will be around November 1-4, 2017. This may change slightly but we will update in due course regarding that. <http://af111new.com/>  
<https://www.rsgbiota.org/info/search.php?q=AF111>

### **ASIA**

**Bangladesh IOTA DXpedition**

**AS-127 St Martin's Isl** <https://www.rsgbiota.org/info/search.php?q=as127>

A team with Derek G3KHZ, Axel DL6KVA, Steve G4EDG, Tuhin S21ED and Anup S21TV is operating as S21ZDC until October 27. Operation from 40 to 15 meter using vertical dipoles for each band. QSL for AS-127 via SM6CVX, for AS-140 goes via G3KHZ, bureau or direct. <http://s21iota.weebly.com/>

## **EUROPE**

**EU-105 Batz Isl** Johan F4HHL, Jerome F4HJO, Luis F5THW and Samuel F5UPO will be QRV as TM1CT from November 1 until November 5. Activity from 80 to 10 meter using CW, SSB and digital modes with 4 stations. QSL via Club OQRS, LoTW or F4HJO direct or bureau. <https://www.rsgbiota.org/info/search.php?q=EU105>

## **OCEANIA**

**OC-042 Luzon Isl** Mike, W6QT is active as DU3/call until December 31. Operation from 80 to 10 meter using all modes. QSL via home call, direct or bureau, LoTW. <https://www.rsgbiota.org/info/search.php?q=OC042>

## **NORTH AMERICA**

**NA-008 Ellesmere Isl** Pierre VE3KTB and Alex VE1RUS are once again operating as VY0ERC until November 10. This is the Eureka ARC station located in the environs of the weather station on the island. Operation during their spare time. QSL via M00XO. <https://www.rsgbiota.org/info/search.php?q=NA008>

## **Coming up soon**

### **ASIA**

**AS-200 Shodo Isl** Take, JI3DST will operate as call/5 on November 3-5. Activity from 80 to 6 meter using mainly SSB and CW. QSL via Club Log OQRS, home call bureau preferred. <https://www.rsgbiota.org/info/search.php?q=AS200>

### **OCEANIA**

**OC-216 Ashmore Reef** Craig VK5CE, Mike AB5EB and Mike AD5A will activate this island between November 7 and November 10 as VK9AR. The IOTA is claimed by just 3% (and will go lower after the annual listings are updated) and it is equal 5th in the world in the IOTA Most Wanted List. This is an operation using a tent and generator and the cost is over \$14,000. Full details are at <https://ashmoreereef.wordpress.com/> <https://www.rsgbiota.org/info/search.php?q=OC216>

## **ANNOUNCEMENTS**

### **Announced DX**

#### **THE NEWCOMERS**

**3B9, RODRIGUES ISL** Olof, G0CKV will once again be active as 3B9HA from November 23 until December 12. Operation on HF using CW. An entry in the CQWW CW is included. Locus on the low bands outside the contest. QSL via M00XO OQRS and LoTW.

**V8, BRUNEI** Tom, KC0W will be operating as V8/call between December 3 and December 18. Operation from 80 to 6 meter using CW and FT8. QSL via home call, direct only.

**VU, INDIA** Bernhard, DL2GAC will be QRV as VU2BMS between November 28 and January 24, 2018. Activity on HF using SSB only. QSL via home call, direct or bureau.

## **THE REMINDERS**

**3B7, AGALEGA and ST BRANDON** Seb, F5UFX announces 'after our successful dxpeditions to tromelin (ft4ta) and juan de nova (ft4ja), we are very happy to announce our new project. Our team will be active from Saint Brandon island 3B7 in March-April 2018 for a two weeks operation. more details to follow soon!'

**3D2, ROTUMA** A team of 5 operators with Tony 3D2AG, Heye DJ9RR, Erno DK2AMM, Hans DL6JGN and Ronald PA3EWP will be active as 3D2EU (pending) between February 23 until March 16, 2018. Operation from 160 to 10 meter using all modes. QSL via DK2AMM. More to follow.

**3Y, BOUVET ISL** A large team led by Bob K4UEE, Erling LA6VM and Ralph K0IR will be operating from the most remote place on earth as 3Y0Z. The DXpedition is taking place early 2018. QSL via N200. <http://www.dx-world.net/3y0z-bouvet-2018/>  
<http://www.bouvetdx.org/>

**6W, SENEGAL** Dave, VE9CB will be operating during the CQWW CW Contest (November 25-26). Operation as 6W1SU from 80 to 10 meter. QSL via M0URX OQRS, LoTW.

**6Y, JAMAICA** A team with LZ1NK, LZ2BE, LZ2HM, LZ3ND, LZ4AE, TA3D and TA2TX will be active as 6Y0W (contest call), 6Y0D, 6Y0AE, 6Y0BE, 6Y0HM and 6Y0ND. Activity from November 23 until November 29. Focus on low bands.

**6Y, JAMAICA** A Japanese team with JA3UJR, JH3LSS, JI3DNN and JA3AVO will be active as 6Y6J between January 10 and January 23, 2018. Activity from 160 to 6 meter using CW, SSB and digital modes. QSL for all calls via JA3AVO, LoTW and Club Log OQRS.

**7Q, MALAWI** The EIDX Group will be active as 7Q7EI from March 21 until April 3, 2018. A team from 14 operators will be operating from 160 to 10 meter using CW, SSB and RTTY. Website under construction.

**8Q, MALDIVES** Roland, HB9VQQ will be QRV from Kandima Island Resort. Operation as 8Q7HB from December 22 until December 30 on HF. QSL via home call.

**9G, GHANA** A team with S54W, S57GM, S57SU, S57UN, S59A, S59ZZ and OZ7AM will be active from Kokrobite as 9G5W. Activity from November 21 until November 29. Operation from 160 to 10 meter. QSL via S59ZZ and LoTW. <https://ghana.si/>

**9M0, SPRATLY ISLAND** Originally announced for December, the 9M0W DXpedition to the Spratly Islands has been postponed to March 10 – March 20 2018, owing to the unavailability of the resort on Layang Layang. Plans are for Hrane, YT1AD and a large group to be QRV from 160 to 6 meter using CW, SSB and digital modes.  
<http://www.yt1ad.info/9m0w/>

**9M2, WEST MALAYSIA** Rich, PA0RRS will once again be QRV as 9M2MRS between December 1 and January 30, 2018. Operation on HF using CW, SSB and digital modes. QSL via home call, direct or bureau, LoTW, OQRS and logsearch on Club Log.

**9X, RWANDA** Harald, DF2WO will again be active as 9X2AW between November 15 and November 30. QSL via M0OXO.

**9Y, TRINIDAD & TOBAGO** Nick, VE3EY will be operating as 9Y4/call during the CQ WW CW contest (November 25-26). Focus on the low bands, WARC bands outside the contest between November 22 and November 27.

**C9, MOZAMBIQUE** A Belgian team with Kurt ON8KW as team leader will be active between May 2 and May 15, 2018. Callsign is pending. Operation from 160 to 6 meter using CW, SSB and RTTY. <https://mozambique2018.wordpress.com/>

**CY9, ST PAUL ISL** Once again, CY9C will be active during August 2018. The team with WA4DAN, N0TG, K4ZLE, AA4NC, N8AA, VA3QR, WW2DX, W2RE, N2IEN and N5TG will be operating between August 1 and August 9, 2018. Operation from 160 to 6 meter using CW, SSB, RTTY, EME, SAT and maybe FT8. QSL via WA4DAN, LoTW, bureau and Club Log. <http://cy9c.com/index.html>

**D4, CAPE VERDE** Zoli, HA5PP will be QRV as D4P during the CQWW CW contest (November 25-26). QSL via LoTW.

**FJ, ST BARTHELEMY** A Polish team with SP3CYY, SP3GEM, SP6IXF, SP6JIU, K1CC and SP6EQZ as team leader will be operating as TO2SP from November 16 until November 30. Activity with minimum 3 stations using CW, SSB and RTTY. QSL via SP6IXF, OQRS and LoTW. <http://to2sp.dxing.pl/>



**FK, NEW CALEDONIA** Alex, 5B4ALX will be active as FK/call from a small village near Noumea. Activity between March 20 and April 4, 2018. More to follow.

**FY, FRENCH GUIANA** Hartwig, DL7BC will be operating as FY/call (maybe FY4VOS but pending) between November 26 and December 7. Activity in 'holiday-style' between 10 and 40 meter.

**HC8, GALAPAGOS ISL** An Argentinian team featuring LU3YK, LU5FF, LU7VB, LU7YS, LU8YD and LU9VEA will be active from San Cristobal as HC8LU between November 29 and December 8. Operation from 160 to 6 meter using SSB, JT65, FT8, PSK31 + SAT. QSL via IK2DUW. <https://hc8lu.blogspot.be/>

**HK0, SAN ANDRES** An Argentinian team will be active as 5K0T from November 12 until November 25. Operation with 3 stations using CW, SSB and digital modes, one stations will be a satellite station. QSL via LU1FM, Club Log OQRS, real-time log by KK6EK. <http://tarjetasqsl.com.ar/5k0t/index.html>

**J5, GUINEA BISSAU** The Italian DXpedition Team will be active as J5T with 7 operators from November 13 until November 25. Operation with 4 stations on all bands using CW, SSB and RTTY. QSL via I2YSB and LoTW, real-time logsearch including a band and mode survey and OQRS via <http://www.i2ysb.com/idx/>

**J8, GRENADINES** Brian, GW4DVB will once again be active in 'holiday-style' as J88PI from Palm Island between January 21 and January 28, 2018. Operation from 40 to 6 meter using mainly SSB. QSL via home call.

**JW, SVALBARD** Rene, DL2JRM will be active as JW/call from November 10 until November 13. Operation on all bands. QSL via home call.

**KH1, BAKER HOWLAND ISLANDS** The Dateline DX association (not recently K4M team) is announcing a DXpedition to Baker with Don N1DG, Tom N4XP, Kevin K6TD and others. Dates and other information will be provided once the vessel is arranged.

**P4, ARUBA** Mathias, DL4MM will be active as P4/call from January 24 until January 31, 2018. An entry in the CQWW 160 CW contest is included as P40AA. Outside the contest he will focus on the low bands. QSL via home call.

**PJ4, BONAIRE** Eric K9ES and Charles AD4ES will be QRV between November 21 and November 28. An entry in the CQWW CW contest is included as PJ4E and PJ4I. Outside the contest they sign PJ4/calls. QSL via homecalls and LoTW.

**S7, SEYCHELLES** Martin, G4XUM will once again be QRV as S79K during the CQ WW DX CW contest (November 25-26). QSL via G3NKC.

**T30, WESTERN KIRIBATI** Chris, VK3FY will be active as T30T from Tarawa, Kiribati. Activity in December, dates to be announced. QSL via M0OXO, OQRS.

**TK, CORSICA** A large team with TK5EP, S50P, S53BB, S53CC, S53F, S53MM, S53RM, S53WW, S53ZO, S55OO, S57C, S57L, S57VW will be QRV as TK0C during the CQWW CW contest (November 25-26). Operation with TK/calls before and after the contest.

**TN, CONGO** A team from DXfriends will be active from Brazzaville as TN5R. More to follow.

**V3, BELIZE** Uwe, DG8NCO will be on an EME DXpedition from November 26 until December 10. Activity as V31EME on 2 meter and 70cm. QSL via DG8NCO.

**V3, BELIZE** Robert, DL7VOA will be operating as V43AO from Hopkins. Activity from November 18 until November 30 from 160 to 10 meter. QSL via home call.

**V4, ST KITTS** Gary, G0FWX will be operating as C4/call from Calypso Bay. Activity between November 8 and November 15 in 'holiday-style' on HF. QSL via M0URX.

**V6, MICRONESIA** Sho, JA7HMZ will once again be QRV from Pohnpei as V63DX. Operation from November 24 until December 1. QSL via home call, direct only.

**V6, MICRONESIA** Shuji, JA1FMN will be operating from Chuuk as V63PSK between November 14 and November 18. Operation in 'holiday-style' from 20 to 10 meter using digital modes. QSL via Club Log OQRS or home call.

**VK0, MACQUARIE ISL** John, VK3YP has announced planning has commenced for a DXpedition to Macquarie Island (#9 on Club Log most wanted DXCC) in early 2018 with a total of 5 VK operators. More details to follow as we get closer to the date.

**VP2E, ANGUILLA** Henri OH3JR and Seppo OH1VR will be once again operating as VP2EHC and VP2ESM from November 21 until December 2. Operation from 160 to 10 meter using CW, SSB and RTTY. QSL direct only.

**VP2M, MONTERRAT** Look for Dennis N0SMX / VP2MMX and George K2DM / VP2MDG during the CQWW SSB DX contest. QSL via LoTW.

**VP8, FALKLAND ISLANDS** Eberhard, DL7JLL will be operating as VP8JLL from November 15 until November 25. Operation on HF. QSL via home call, direct or bureau.

**VP9, BERMUDA** Tony, VE3RZ will be operating as VE3RZ/VP9 during the CQWW CW contest (November 25-26). Outside the contest he will operate in RTTY and FT8. QSL via home call, LoTW and Club Log.

**XW, LAOS** Ken, K4ZW will be operating as XW4ZW from Vientiane. Activity from December 3 until December 8 on all bands. QSL via K1SE and LoTW.

**YJ, VANUATU** Tom, JA1VND will be operating from Port Vila as YJ0JA between November 15 and November 20. Operation in 'holiday-style' from 160 to 10 meter using CW, SSB and RTTY. QSL via home call, direct or bureau, LoTW.

**YJ, VANUATU** Michael, G7VJR (Club Log) will be operating as YJ0G from Epule. Activity between March 2 and March 19, 2018. Operation on HF. QSL via M0OXO, OQRS.

**YN, NICARAGUA** Mike, AJ9C will once again be operating as YN2CC from Granada. Activity between November 21 and November 29 from 160 to 6 meter using CW, SSB and RTTY. QSL via home call and LoTW.

## **Announced IOTA**

**The IOTA'S marked with a yellow box are claimed by less than 25% of IOTA participants. These IOTAs are rather rare. Follow the link to find out more.**

### **THE NEWCOMERS**

#### **SOUTH AMERICA**

**SA-078 Mucura Isl** Look for Josep EA3BT and Nuria EA3WL between November 21 and November 28 as 5K1B. Last operation from this island goes back in 2008. Operation from 40 to 6 meter using CW, SSB and RTTY. QSL via EA3BT, Club Log OQRS.

<https://www.rsgbiota.org/info/search.php?q=SA078>

### **THE REMINDERS**

#### **AFRICA**

**AF-108 Tigres Isl** An experienced team will be active as D2TI. Operation around begin March, 2018. More to follow. <https://www.rsgbiota.org/info/search.php?q=af108>

#### **ASIA**

**AS-058 Langkawi Isl** Once again the Kuala Lumpur DX Team 9M4IOTA will be active from December 2 until December 4. Operation from 80 to 10 meter using CW, SSB and digital modes. QSL via 9M2000, direct only.

<https://www.rsgbiota.org/info/search.php?q=AS058>

#### **NORTH AMERICA**

**NA-078 Isla Magdalena** Manuel XE2IC, Jose-Felix XE2I and Antonio XE2HVF will be operating as XF1IM from November 25 until December 3. Operation from 160 to 10 meter. QSL via XE2IC. <https://www.rsgbiota.org/info/search.php?q=NA078>

#### **OCEANIA**

**OC-175 Sarangani Isl** Sergei R4WAA and Yan RZ3FW will be QRV as DU9/calls from November 21 until November 29. Operation on HF. QSL via RZ3FW.

<https://www.rsgbiota.org/info/search.php?q=oc175>

#### **SOUTH AMERICA**

**SA-040 Rosario Isl** <https://www.rsgbiota.org/info/search.php?q=SA040>

**SA-093 Tutumate Isl** <https://www.rsgbiota.org/info/search.php?q=SA093>

Martin LU9EFO and Camilo HK3TU will be operating as HK1/LU9EFO and HK3TU/1 from Rosario Islands and as HK4/LU9EFO and HK3TU/4 from Tutumate Island. Activity sometime in November from 160 to 6 meter. QSL via F4BHW.

**SA-100 Pajaros Rocks** A new attempt by IT9YRE and I1SNW activating SA-100 will take place in March 2018. Exact dates not yet known. Maybe a special call will be used instead of CE1/calls. More to follow.

<https://www.rsqbiota.org/info/search.php?q=SA100>

## **Antarctic base stations**

**Bellinghausen station** Alex is QRV as RI1ANO until March 2018. Operation during his spare time on all bands using CW, SSB and digital modes. QSL via RN1ON, direct or bureau, OQRS Club Log. Also he will be active as **RI50ANO** from January 1 until March 31, 2018. This to commemorate the 50<sup>th</sup> anniversary of the Bellinghausen Station. A special diploma is planned.

**Dumont d'Urville Station** Francois, F4HLT is active for one year at the Dumont d'Urville Station on Petrels Island (AN-017). In his spare time he will be QRV as FT3YL. His licence is valid until February 1, 2018. QSL via F6KPQ.

<https://f4hlt.wordpress.com/>

**Neumayer Station III** Daniel, DL1SU, works as an electronics engineer at the base. He uses the club call sign DP0GVN until February 2018. QSL cards for DP0GVN will be handled by DL5EBE, direct or via the bureau.

**Syowa research station** Yath, JG2MLI is operating as 8J1RL until January 2018. In addition, to mark the 60<sup>th</sup> anniversary of Japanese Antarctic Research Expeditions, Yath will also use the call 8J60JARE. Operation from 40 to 10 meter using all modes. QSL via bureau and LoTW, for direct via JG2MLI.

## **Special call**

### **THE NEWCOMERS**

**CO, CUBA** A large team will be operating as **CO0CB** between October 26 and October 30. Located at Cayo Bariay, where Christopher Columbus first made landfall in Cuba. Operation on 80, 40, 20, 17, 15 and 10 meter using CW, SSB and other modes. QSL via CO8NDZ direct only and LoTW.

**YB, INDONESIA** Look for **YE16BATU** from November 8 until November 12. This to celebrate the 16<sup>th</sup> anniversary of the city of Batu (Java). QSL via YB3MM direct or via Club Log OQRS.

### **THE REMINDERS**

**5B, CYPRUS H2017PFO** is the special call until end 2017 to celebrate that Paphos (Cyprus) has the honour of being the European Capital of Culture for 2017 together with Aarhus (Denmark). QSL via Club Log OQRS or via 5B4AIE, direct preferred.

**CE, CHILE** Special calls **3G1PAX** and **3G18PAX** are on air until end January 2018. This to mark Pope Francis' visit to Chile. QSL via bureau.

**DL, GERMANY DM200LFS** (special DOK 200LFS) commemorates the 200th birthday of Louis Ferdinand Schoenherr, a German inventor of power looms. Activity until end February 2018. All QSOs count as a "joker" and 10 points for the KIDS award that is supporting SOS Children's Villages in Saxony. QSL via eQSL, LoTW and bureau.

<http://df0che.darc.de/dm200lfs.php>

**DL, GERMANY DR60VKL** is the special call to mark the 60<sup>th</sup> anniversary of the DARC ARC Voelklingen. Activity during 2017. QSL via bureau.

**DL, GERMANY** Special calls **DR500MLE**, **DR1517LU**, **DR5LUTHER**, **DC500LS**, **DM5LUTHER** and **DL500ML** are QRV during 2017 to commemorate the 500<sup>th</sup> anniversary of the Protestant Reformation initiated by Martin Luther.

**DL, GERMANY** The ARC of Pfronten Fuesen (DOK T11), is celebrating its 60<sup>th</sup> anniversary with the call **DL60TELF**. Activity until April 30, 2018. QSL via bureau, LoTW.

**DL, GERMANY** Operators of the club station DL0VBG from the railway museum Vienenburg are active as **DR0HARZ** during 2017 to mark the 25<sup>th</sup> anniversary of the return of the narrow gauge Brocken Railway. QSL via DF7AA, direct or bureau.

**DL, GERMANY** Look for **DB20ENERGY** to celebrate the 20<sup>th</sup> anniversary of the German Company DB Energie. Operation until end 2017. QSL via bureau or via DM2DX direct.

**DL, GERMANY** **DR60SAL** is the special call to celebrate the reunification of Saarland with the Fed. Rep of Germany 60 years ago. Operation during 2017. QSL via bureau.

**DL, GERMANY** Operators of the ARC Wittenberg (DOK W29) will be operating as **DR1517LU** during 2017. This to celebrate the 500<sup>th</sup> anniversary of the Protestant Reformation. QSL via bureau.

**E7, BOSNIA-HERZEGOVINA** The ARC from Zenica is celebrating its 70<sup>th</sup> anniversary with the call **E770BAB**. Activity until end 2017. QSL via E71EZC, direct or bureau.

**EI, IRELAND** The following nine special event calls are drawing attention to Ireland's "Wild Atlantic Way" along the island's western coast during 2017.

**EI11WAW** - County Donegal

**EI22WAW** - County Leitrim

**EI33WAW** - County Sligo

**EI44WAW** - County Mayo

**EI55WAW** - County Galway

**EI66WAW** - County Clare

**EI77WAW** - County Limerick

**EI88WAW** - County Kerry

**EI99WAW** - County Cork

QSL via Club Log OQRS or via EI6AL direct.

**HA, HUNGARY** Look for **HA500M**, **HA500R**, **HA500T**, **HG500A**, **HG500E**, **HG500H**, **HG500I**, **HG500L**, **HG500N**, **HG500PRO**, **HG500R**, **HG500REF**, **HG500T** and **HG500U** until end October. This to commemorate the 500<sup>th</sup> anniversary of the Protestant Reformation initiated by Martin Luther (October 31, 1517). QSL via LoTW or bureau. <http://mrasz.org/martin-luther-award/award-rules>.

**HA, HUNGARY** Members of the FMV ARC are operating with the special call **HA60FMV**, this to celebrate the 60<sup>th</sup> anniversary of the foundation of the club. QRV until June 30, 2018. QSL via bureau. For an award see <http://ha60fmv.com/>

**HB, SWITZERLAND** Look for **HB600NVF** until December 31. This to commemorate the 600<sup>th</sup> anniversary of the birth of Niklaus von Flue, the patron saint of Switzerland. QSL via LoTW, for paper QSL via HB9JOE. <http://www.qrz.com/db/hb600nvf>

**I, ITALY** Look for **II2FIST** to celebrate the 30<sup>th</sup> FISTS Club anniversary. Operation from July until end 2017 using CW only. QSL via IZ2FME, direct or bureau. <http://fists.co.uk/>

**I, ITALY** The ARI Parma is operating as **II4GV** until January 27, 2018. This to commemorate Giuseppe Verdi, born on October 10, 1813. QSL via Club Log OQRS or via bureau. <http://www.ariparma.it/temporanei/II4GV-en.html/>

**I, ITALY** Look for **II2XC** until end December to celebrate the 90<sup>th</sup> anniversary of the Associazione Radioamatori Italiani. QSL via bureau.

**I, ITALY** Celebrating the 10th anniversary of Insubria Radio (IQ2IR), special call **IR2XIR** will be used during 2017. QSL via Club Log's OQRS or via 9A8MDC.

**JA, JAPAN** **8N0IIDA** is the special call to celebrate the 80<sup>th</sup> anniversary of Iida City. Operation until end February 2018. QSL via bureau.

**JA, JAPAN** The Tokyo Bay Ham Club is celebrating their 40<sup>th</sup> anniversary with the special call **8J1ZIU**. Activity until end May 2018. QSL goes automatically via bureau.

**JA, JAPAN** Look for **8J2YAF** to celebrate the 60<sup>th</sup> anniversary of the Nagoya College ARC until end 2017. QSL via bureau.

**JA, JAPAN** The Katayanagi Institute of the University of Tokyo celebrates its 70<sup>th</sup> anniversary on the air with the call **8J1YAC** until end March 2018. Activity from 160 meter to 70cm using CW and SSB. QSL via bureau or via JE1XUZ direct.



**JA, JAPAN** Look for **8N3H70Y** to celebrate the 70<sup>th</sup> anniversary of Hirakata City. Operation until March 31, 2018. QSL via bureau.

**JA, JAPAN** Special call **8J2016Y** is active until October 31. This to celebrate the Inuyama Festival, one of the 33 Japanese float festivals that in 2016 UNESCO inscribed to the Representative List of the Intangible Cultural Heritage of Humanity. QSL via the JARL bureau.

**LA, NORWAY** **LA1742K** is the special call to celebrate the 275<sup>th</sup> anniversary of the city Kristiansund. Operation until end 2017. QSL via LA6K, direct or bureau.

**LA, NORWAY** **LM80REX** and **LM80Q** are the special calls during 2017 to celebrate the 80<sup>th</sup> anniversary of King Harald V and Queen Sonja. QSL via OQRS Club Log, LoTW or via LA9VDA.

**LZ, BULGARY** Once again Radio Club Blagovestnik (LZ1KCP) will use these special calls throughout 2017 to honor as many different Bulgarian saints: **LZ251MKP** (October), **LZ307MU** (November) and **LZ710SG** (December). QSL via bureau or direct to P.O. Box 36, 4300 Karlovo, Bulgaria. Details on the "All Saints 2017" award can be found at <http://www.lz1kcp.com>.

**OH, FINLAND** Taking part in the celebrations of Finland's 100th anniversary as an independent state, amateur radio clubs around the country will activate the special call **OF100FI/#** (where # is the number of the call area, from 0 to 9). Activity during 2017. QSL via bureau.

**OM, SLOVAK REP** Look for **OM500R** to mark the Reformation celebrations until end 2017. QSL see QRZ.com.

**OM, SLOVAK REP** Pavel, OM3CND will use **OM685RADOLA** to celebrate the 685<sup>th</sup> anniversary of the town Radol'a. Activity during 2017. QSL via OM3CND.

**OM, SLOVAK REP** The Secondary School of Electrical Engineering in Kosice is celebrating its 50th anniversary with the special call **OM50SPSEKE**. Operation until end 2017. QSL via OM8AND, bureau.

**ON, BELGIUM** Special station **OP36CLM** is active until November 15. The suffix stands for Canadian Liberation March, the annual event that celebrates the liberation of the town of Knokke on November 1, 1944. QSL via ON3AIM, direct or bureau. More information on the activity and the relevant award can be found on <http://www.qrz.com/db/op36clm>

**ON, BELGIUM** The Belgian section HRT (ON4HRT) will be active during November as **ON1418POP**, this to commemorate the WWI. Operation from 160 to 10 meter using CW, SSB and digital modes. QSL via LoTW, Club Log, real-time log on <http://www.on4hrt.org/>

**ON, BELGIUM** Members of the Belgian Radio Club ONZ will be operating during 2017 as **OP17HC**. This to commemorate the First World War. QSL via ON7PP. <http://uba.be/en/latest/flash/uba-14-18-award>

**OZ, DENMARK** **OZ44C** marks Thor Heyerdahl's Kon-Tiki Expedition (LI2B/mm) 70 years ago. QRV until the end of 2017. QSL via 5P2BA, direct or bureau.

**OZ, DENMARK** Look for **OZ1AARHUS** to mark the City Aarhus being one of the two European Capitals of Culture in 2017.

**OZ, DENMARK** The Danish radio club Eksperimenterende Danske Radio-amatoere (EDR) will celebrate its 70th anniversary with the special event calls **5P90EDR**, **OV90EDR**, **OX90EDR**, **OZ90EDR**, **OZ7D** (only in JT-modes) during 2017. An award will also be available. QSL via OZ1ACB, LoTW, Club Log OQRS.

**OZ, DENMARK** To celebrate the 100<sup>th</sup> anniversary of the Treaty of the Danish West Indies, special call **OZ100DVI** will be active during 2017. In 1917 the Dansk Vest-Indien were sold to the United States and renamed the US Virgin Islands. QSL via OZ1IVA, direct or bureau.

**PA, THE NETHERLANDS** **PA50LELY** marks the land that was reclaimed from the IJsselmeer in 1952, which later became Lelystad. Operation until November 28. QSL via PA3HEB, direct or bureau.

**PY, BRAZIL** **ZV40MS** celebrates the 40<sup>th</sup> anniversary of the Brazilian state Mato Grosso do Sul. Active until end October. QSL via bureau.

**PY, BRAZIL PS14BIS** is the special call to commemorate the aviation pioneer Alberto Santos and his aircraft 14-bis with which he made the 1<sup>st</sup> powered flight in Europe. Operation during October. QSL via PY2GTA.

**S5, SLOVENIA** Look for **S557E** during 2017 to celebrate the 60<sup>th</sup> anniversary of the Radio Club Cerkno (S50E). QSL confirmed automatically via bureau and LoTW, direct via S500.

**S5, SLOVENIA S5100LIONS** celebrates the 100<sup>th</sup> anniversary of the Lions Club International until end 2017. QSL via S53DOX.

**SM, SWEDEN** The Gotlands Radioklubb (SK1BL) on Gotland Island (EU-020) will use special calls **7S1GRK** and **SK70BL** until December 31 to celebrate its 70<sup>th</sup> anniversary. See <http://sk1bl.hamlogs.net/> for the award programme. All QSOs will be confirmed automatically via the bureau.

**SM, SWEDEN** Special event station **SC90SM** is QRV until December 31, this to mark the 90th anniversary of the longwave broadcasting station in Motala. Inaugurated in 1927 and closed in 1962, it was one of the most powerful BC stations in Europe. QSL via SM5ELV, direct or bureau.

**SP, POLAND** Look for **SN250A** until end 2017. This to celebrate the 250<sup>th</sup> anniversary of the city Andrychow. QSL via SP9KUP, direct or bureau.

**SP, POLAND** Look for **HF700LUB** to celebrate the 700<sup>th</sup> anniversary of the city Lublin. QRV until August 2018. QSL via SP8AB.

**SP, POLAND SN100F** commemorates the revelation of the Three Secrets of Fatima in Portugal 100 years ago. QRV until end 2017. QSL via SP5CGN, direct or bureau.

**TA, TURKEY** Special calls **TC10A, TC10E, TC10F, TC10K, TC10L, TC10M, TC10R, TC10S, TC10T, TC10U** will be active until November 20. This to commemorate the 79<sup>th</sup> anniversary of the death of Mustafa Kemal Ataturk, the founder of the Turkish Republic. QSL via LoTW. More on <http://tadx.org/10nov/index.php>

**UA, RUSSIA** Special calls **R800RL, UE800, UE800L** are activated until October 27 to commemorate the 80th anniversary of the creation of the region (oblast) of Oryol. QSL R800RL and UE800 via R2EA, QSL UE800L via R5EO.

**UR, UKRAINE EN90QDG** marks the beginning of the hydropower station Dniepr 90 years ago. Operation until October 30 on HF using CW, SSB and digital modes. QSL via UR6QR.

**UR, UKRAINE** The Druzhkivka Club is celebrating its 90<sup>th</sup> anniversary as **EN90IWA**. QRV until end 2017. QSL via bureau.

**UR, UKRAINE** Special call **EO25P** is active until end 2017. This to celebrate the 25th anniversary of the Volyn Amateur Radio League. <http://www.qrz.com/db/EO25P> for information on the certificate available for contacts made with EO25P and other EO25 stations (EO25PA, EO25PD, EO25PG, EO25PL, EO25PQ, EO25PWC, EO25PWJ, EO25PWL, EO25PY and EO25PZ).

**VE, CANADA XO1X** is the call for the Yukon CanAm Contest Club. This to celebrate the 150th anniversary of Canada's Confederation until December 31. QSL direct to KC1CWF or via LoTW.

**VE, CANADA** Members of the Kings County ARC are active as **XM1150CAN**, this to mark the founding of Canada 150 years ago. Active until end 2017. QSL via bureau and LoTW.

**VR, HONG KONG** Commemorating the 20<sup>th</sup> anniversary of Hong Kong's reunification with China, Hong Kong licensed radio amateurs are allowed to use the special prefix **VR20** on a voluntary basis until June 2018.

**VU, INDIA** Special calls **AT1FI, AT2FI, AT3FI** and **AT4FI** are active until October 28 for the FIFA U-17 World Cup, the world championship of football (soccer) for male players under the age of 17 to be held in India. Look for activity on 40, 20 and 15 meter using SSB and digital modes. QSL AT1FI, AT2FI and AT4FI via VU2SMS (direct) for AT3FI via VU2ZMK (direct).

**W, USA** The "KB7QPS Air, Space and Technology Operating Event" is commemorating man's historical milestones in air, space and technology over the last 400 years" by operating twelve callsigns (see below) during 2017. QSL direct to KB7QPS. <http://airspacetechnology.webs.com/>

Callsign	SES Title	Event Dates
N6R	3 Generations of Mars Rovers	1/19/17 - 1/23/17
W7J	Discovery of Jupiter's Moons	2/2/17 - 2/6/17
W7C	First Flight of the Concorde	3/2/17 - 3/6/17
N7S	First Space Shuttle Launch	4/13/17 - 4/17/17
N7T	Hubble Space Telescope	5/18/17 - 5/22/17
W7S	Discovery of Sunspots	6/8/17 - 6/12/17
N7M	Man Walking on the Moon	7/20/17 - 7/24/17
K7I	Birth of the IBM-PC	8/10/17 - 8/14/17
W7F	First Flight of the F-22	9/7/17 - 9/11/17
K7S	Sputnik Launch	9/28/17 - 10/2/17
K7E	Invention of the Electron Tube	11/9/17 - 11/13/17
W7D	Dreamliner First Flight	12/14/17 - 12/18/17

**Z3, MACEDONIA** Look for **Z370M** by the ARC 'Nikola Tesla' (Z37M) to celebrate the club's 70<sup>th</sup> anniversary. Operation until end 2017. QSL LoTW or via Z33Z direct or via LZ1JZ bureau.

Thanks to DX-World, DARC and ADXO.